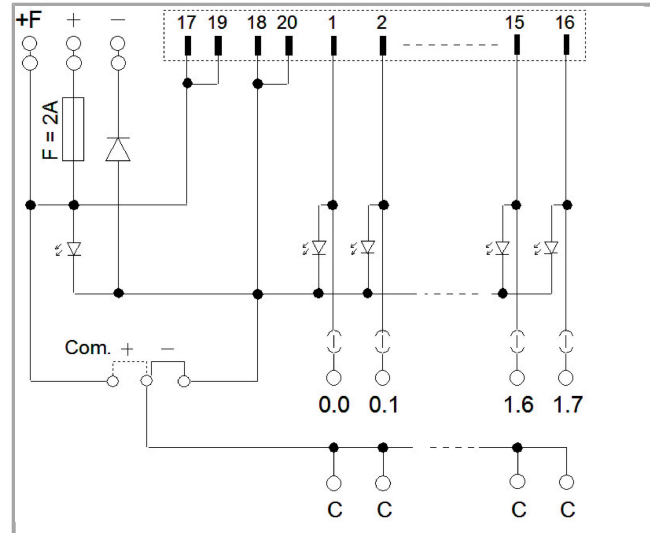


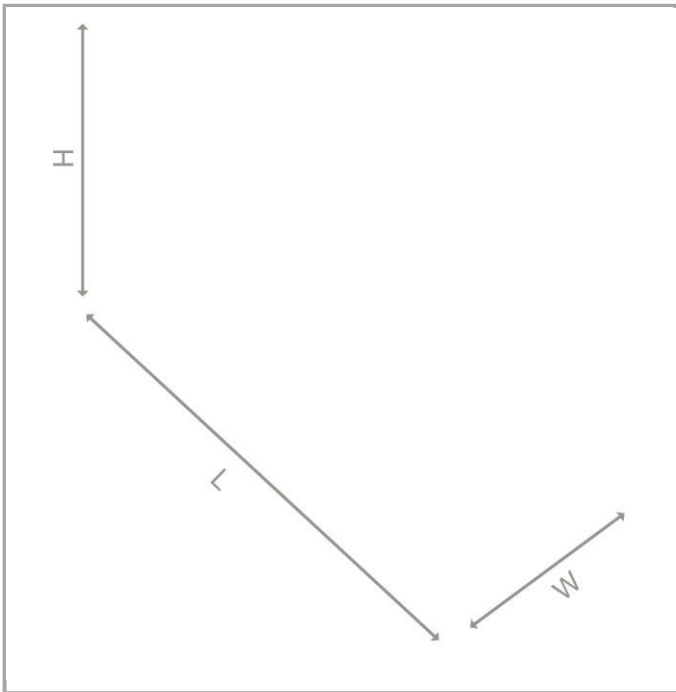
Data sheet | Item number: 704-2044

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 2-wire connection; PCB disconnect terminal blocks; in mounting carrier



704-2044



**Data****Electrical data**

| | |
|---------------------------------------|--|
| In-/Outputs | 16-channel digital in- or output |
| Circuit type | 2-conductor termination |
| Nominal operating voltage | DC 24 V |
| Operating voltage range | ±10 % |
| Power consumption (status indication) | 5 mA |
| Total current | 2 A |
| Limiting continuous current | 1 A |
| Status indication | LED green (channel) LED yellow (power supply) |
| Internal fuse | 2 A |
| Specialty functions | With disconnect/test terminal blocks |

Safety and protection:

| | |
|-----------------------|--------|
| Rated voltage | 50 V |
| Rated impulse voltage | 0.8 kV |
| Pollution degree | 2 |

Connection data

| | |
|---------------------|---|
| No. of poles | 20 |
| Connection type (1) | System |
| No. of poles 1 | 20 |
| Pluggable connector | Pluggable connector per DIN 41651; male connector |



| | |
|--------------------------------|--|
| Mating direction | Vertical |
| Connection type (2) | Field |
| No. of poles 2 | 16 |
| Design 2 | PCB terminal blocks |
| Connection technology 2 | CAGE CLAMP® |
| WAGO terminal 2 | WAGO 742 Series |
| Solid conductor (2) | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Strip length (2) | 8 ... 9 mm / 0.31 ... 0.35 inch |
| Connection type (3) | Field |
| No. of poles 3 | 16 |
| Design 3 | PCB terminal blocks |
| Connection technology 3 | CAGE CLAMP® |
| WAGO terminal 3 | WAGO 236 Series |
| Solid conductor (3) | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor (3) | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Strip length (3) | 5 ... 6 mm / 0.2 ... 0.24 inch |
| Connection type (4) | Supply |
| No. of poles 4 | 6 |
| Design 4 | PCB terminal blocks, double-deck |
| Connection technology 4 | CAGE CLAMP® |
| WAGO terminal 4 | WAGO 736 Series |
| Solid conductor (4) | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor (4) | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Strip length (4) | 5 ... 6 mm / 0.2 ... 0.24 inch |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |

Geometrical Data

| | |
|---------------------------------------|--------------------|
| Width | 99 mm / 3.74 inch |
| Height from upper-edge of DIN-35 rail | 50 mm / 1.969 inch |
| Depth | 85 mm / 3.346 inch |

Mechanical data

| | |
|------------------|------------------|
| Type of mounting | DIN-35 rail |
| Housing design | Mounting carrier |

Material Data

| | |
|-----------|----------|
| Fire load | 0 MJ |
| Weight | 184.12 g |

Environmental Requirements

| | |
|---|------------------------|
| Surrounding air (operating) temperature | -20 ... 50 °C |
| Surrounding air (storage) temperature | -40 ... 70 °C |
| Relative humidity | ≤ 85% (non condensing) |

Commercial data

| | |
|--------------------|---------------|
| Product Group | 30 () |
| Country of origin | FR |
| GTIN | 4050821220619 |
| Customs Tariff No. | 85369010000 |






Compatible products

wiring and connectors

| | | | |
|--|---|------------|----------|
|  | Item no.: 706-100/1300-200 Connection cable; 20-pole; Pluggable connector per DIN 41651; open-ended; Length: 2 m; Conductor cross-section: 0.14 mm ² ; UR components | / 1300-200 | 706-100 |
|  | Item no.: 706-100/1300-400 Connection cable; 20-pole; Pluggable connector per DIN 41651; open-ended; 4m; Conductor cross-section: 0.14 mm ² ; UR components | / 1300-400 | 706-100 |
|  | Item no.: 706-2300/100-100 System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ² | / 100-100 | 706-2300 |
|  | Item no.: 706-2300/100-200 System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 2 m; Conductor cross-section: 0.14 mm ² | / 100-200 | 706-2300 |
|  | Item no.: 706-2300/100-300 System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 3 m; Conductor cross-section: 0.14 mm ² | / 100-300 | 706-2300 |
|  | Item no.: 706-2300/101-100 System cable; for Siemens S7-300; 16 digital inputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ² | / 101-100 | 706-2300 |
|  | Item no.: 706-2300/101-200 System cable; for Siemens S7-300; 16 digital inputs; Length: 2 m; Conductor cross-section: 0.14 mm ² | / 101-200 | 706-2300 |
|  | Item no.: 706-2300/101-300 System cable; for Siemens S7-300; 16 digital inputs; Length: 3 m; Conductor cross-section: 0.14 mm ² | / 101-300 | 706-2300 |
|  | Item no.: 706-2300/200-100 System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ² | / 200-100 | 706-2300 |

| | | | |
|--|--|-----------|----------|
|  | Item no.: 706-2300/200-200 System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm ² | / 200-200 | 706-2300 |
|  | Item no.: 706-2300/200-300 System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm ² | / 200-300 | 706-2300 |
|  | Item no.: 706-2300/300-100 System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ² | / 300-100 | 706-2300 |
|  | Item no.: 706-2300/300-200 System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm ² | / 300-200 | 706-2300 |
|  | Item no.: 706-2300/300-300 System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm ² | / 300-300 | 706-2300 |
|  | Item no.: 706-2300/301-100 System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ² | / 301-100 | 706-2300 |
|  | Item no.: 706-2300/301-200 System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm ² | / 301-200 | 706-2300 |
|  | Item no.: 706-2300/301-300 System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm ² | / 301-300 | 706-2300 |
|  | Item no.: 706-7753/301-200 System cable; for WAGO-I/O-SYSTEM, 753 Series; 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm ² | / 301-200 | 706-7753 |

Marking accessories

| | | | |
|--|--|--|----------|
|  | Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type | | 2009-110 |
|  | Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | | 709-177 |
|  | Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | | 709-178 |
|  | Item no.: 709-196 Marking strips; for laser printer | | 709-196 |
|  | Item no.: 709-198 Marking strips | | 709-198 |

Downloads**Documentation****Additional Information**

Disposal: Electrical and electronic equipment, Packaging



Subject to changes.
